

Midpoint Formula - Shapes

- 1) Find the point of intersection of diagonals of the parallelogram whose vertices are $(-3, 2)$, $(-4, 4)$, $(1, 4)$ and $(2, 2)$.

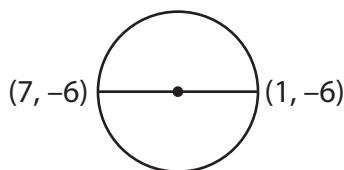
- 2) Find the endpoints of the median of triangle whose vertices are $(3, 1)$, $(7, 1)$ and $(3, 7)$.

- 3) Find the point of intersection of diagonals of the rectangle whose vertices are $(-10, -2)$, $(-8, -5)$, $(-6, -5)$ and $(-4, -2)$.

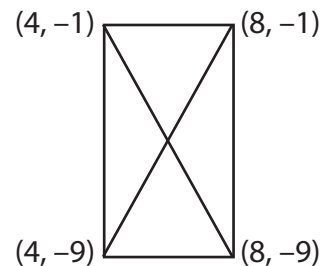
- 4) The coordinates of the center of the semicircle are $(-1, 0)$ and $(1, 0)$.

- 5) Find the point of intersection of diagonals of the rectangle whose vertices are $(1, -8)$, $(1, -10)$, $(3, -10)$ and $(3, -8)$.

- 6) Find the center of a circle whose diameter has endpoints $(7, -6)$ and $(1, -6)$.



- 7) Find the point of intersection of the diagonals of the rectangle whose vertices are $(4, -1)$, $(8, -1)$, $(8, -9)$ and $(4, -9)$.



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